

USDA-FmHA
Form FmHA 1924-3
(Rev. 2/87)

SERVICE BUILDING SPECIFICATIONS

FORM APPROVED
OMB NO. 0575-0042

Date (Date)

SPECIFICATIONS FOR THE CONSTRUCTION OF

Dairy Barn
(Type of building)

FOR A. Farmer

(Name)

(Address, Including ZIP Code)

INSTRUCTIONS: Describe all materials and equipment to be included in the proposed work. Where space is insufficient, enter "See Misc." and describe under item 18, or attach additional sheets. All work not so described must be shown on the related drawings.

GENERAL: Each item of material and equipment shall equal or exceed that described or indicated. All work shall be performed in a workmanlike manner and in accordance with the best practice.

1. Excavation:

Bearing soil (describe) dry sand and clay Minimum depth below finished grade 1' 4"

2. Foundations:

Footings: Material Mix Strength psi. Size see plan Reinforcing

Foundation walls: Material Mix Strength psi. Reinforcing

Piers: Material and size Mix Reinforcing

Mortar mix 1:3 Waterproofing (describe)

3. Chimneys:

Material Flue lining: Size Thimble Flashing material

4. Exterior Walls:

☐ Frame: Sill, plate, or post anchors (describe)

Sills onsole plates: Species and grade Size Preservative

Posts: Species and grade Size Preservative

Studs: Species and grade Size Spacing " o.c. Type of bracing

☐ Pole type: Poles: Species Size Preservative

☒ Masonry: Material 8" x 8" x 16" conc. block Thickness 8" Mortar mix 1:3

Lintels: Material (describe) reinforced concrete 1:2 4 mix 2-1/2" Ø rod

Sill material: Windows 2" x 10" wood sill Doors

Sheathing: Material Grade Thickness Width

☐ Diagonal ☐ Horizontal ☐ Solid ☐ Spaced " o.c.

Siding: Material Type Grade or gage Size

Exterior painting: Material and number of coats Masonry - 2 coats first grade cement water paint

Woodwork - 3 coats first grade lead and oil paint

5. Floor Framing:

Mud-sills: Species and grade Size Preservative

Girders: Species and grade Size Preservative

Joists: Species and grade Size Spacing " o.c.

Bridging: Size and type

Flooring: (describe)

Slabs on ground: Mix 1:3:5 Strength 4" Thickness Reinforcing Finish integrated

Fill under slab: Material gravel Thickness see plan Waterproofing

6. Interior Wall Framing:

Posts: Species and grade Size

Studs: Species and grade Size Spacing " o.c.

Masonry: Material concrete block Thickness 4"

7. Ceiling Framing:

Joists: Species and grade #2 SY PINE Size 2" x 4" Spacing 16" " o.c.

8. Roof Framing:

Rafters: Species and grade #2 SY PINE Size 2" x 4" Spacing 16" " o.c.

Collar Beams: Species and grade #2 Common SY PINE Size 1" x 6" Spacing 16" " o.c.

Purlins: Species and grade Size Spacing " o.c.

Sheathing: Species and grade #2 Common SY PINE Size and type 1" x 8" T & G ☒ Solid ☐ Spaced " o.c.

This information will be used by inspectors to monitor the development and for appraisal of service buildings financed by FmHA.

Position 6

FmHA 1924-3 (Rev. 2/87)

Used by borrowers, contractors, in connection with service building construction to be performed under the Farm Ownership and Rural Housing programs.

This form may be completed by the applicant, and architect, or designer employed by the applicant, a builder or contractor, or by the Engineer in consultation with the County Supervisor, and the applicant.

Only applicable items will be completed; items not applicable to the work proposed will be left blank.

It is not intended that this form be used in connection with every case involving service building construction. When other suitable specifications are available which describe adequately the materials equipment, and quality of workmanship, this form need not be used.

The entries shown on this sample Form FmHA 1924-3 are not intended to serve as a standard for service building construction but simply as an illustration of the use of the form.

(see reverse)

PROCEDURE FOR PREPARATION

: FmHA Instruction 1924-A.

PREPARED BY

: Borrowers, contractors.

NUMBER OF COPIES

: Original and two.

SIGNATURES REQUIRED

: None.

DISTRIBUTION OF COPIES

: Original to County Office files; copy to Borrower; copy to Contractor.

(5-12-87) SPECIAL PN

9. Roofing

Metal: Material and type _____ Gage _____ Lap: Side _____ End _____

Ridge roll: Material, size, and type _____

Shingles: Material asphalt strip shingle Weight or thickness 210 # Grade Underwriters Class CSize 12" x 36" Exposure 5" ☐ Stained ☐ Painted _____

Built-up: (described) _____ Number of plies _____ Surface material _____

Ventilators: Material _____ Type _____ Size _____ Number _____

10. Interior Wall and Ceiling Finish:

Material: Size, type, and grade 1/2" gypsum board ceiling over milk room entry + feed roomPainting: Material and number of coats Masonry - 2 coats cement paint - woodwork - 1 coat

11. Doors and Gates

Location milk room Type built-up bottom Thickness 1 1/2" Material No. 1 common spruceLocation feed and entry milk room Type 3 panel - 4 light Thickness 1 3/8" Material N - white pine

Location _____ Type _____ Thickness _____ Material _____

Screen doors: Material white pine Size 1 1/4" thick Wire mesh 16 Number 1

12. Windows:

Material white pine Make _____ Size 41 1/2" x 11" Sash thickness 1 3/4"☐ Double hung ☐ Casement ☐ Other (describe) hgt. sash hinged at bottomWindow screens: (describe) white pine 3/4" x 1 1/4" rails 16-mesh gal. bar wire

13. Hardware:

steel - rust resisting finish

14. Plumbing:

Fixture _____ No. _____ Location _____ Make _____

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Fixture _____ No. _____ Location _____ Make _____

Water piping: ☐ Galvanized steel ☐ Copper tubing ☐ Other _____ Sill cocks: No. _____Storage tank: Type _____ Material _____ Tank size _____ gals. ☐ InsulatedDrain pipes: Material and size 4" C.I. Floor drains: Material and size C.I. 4" with trapWater heater: Type electric Make and model _____☐ Gas piping _____

15. Electric Wiring:

Service: ☒ Overhead ☐ Underground Panel: ☐ Fuse box ☒ Circuit breakersNumber of circuits 3 Size of wires 12Interior: ☐ Conduit ☐ Armored cable ☐ Nonmetallic cable ☐ Other _____Special purpose outlets: ☒ Water heater ☐ Other see plan

16. Gutters and Downspouts:

Gutters: Material _____ Gage or weight _____ Size _____ Shape _____

Downspouts: Material _____ Gage or weight _____ Size _____ Shape _____

Paint: Material and number of coats _____

17. Insulation:

Location, material, and thickness _____

18. Miscellaneous:

(Describe any materials, equipment, or construction items not described elsewhere herein or indicated on the drawings)

Submitted by: _____ Applicant

Prepared by: _____ Contractor

Approved by: _____ County Supervisor